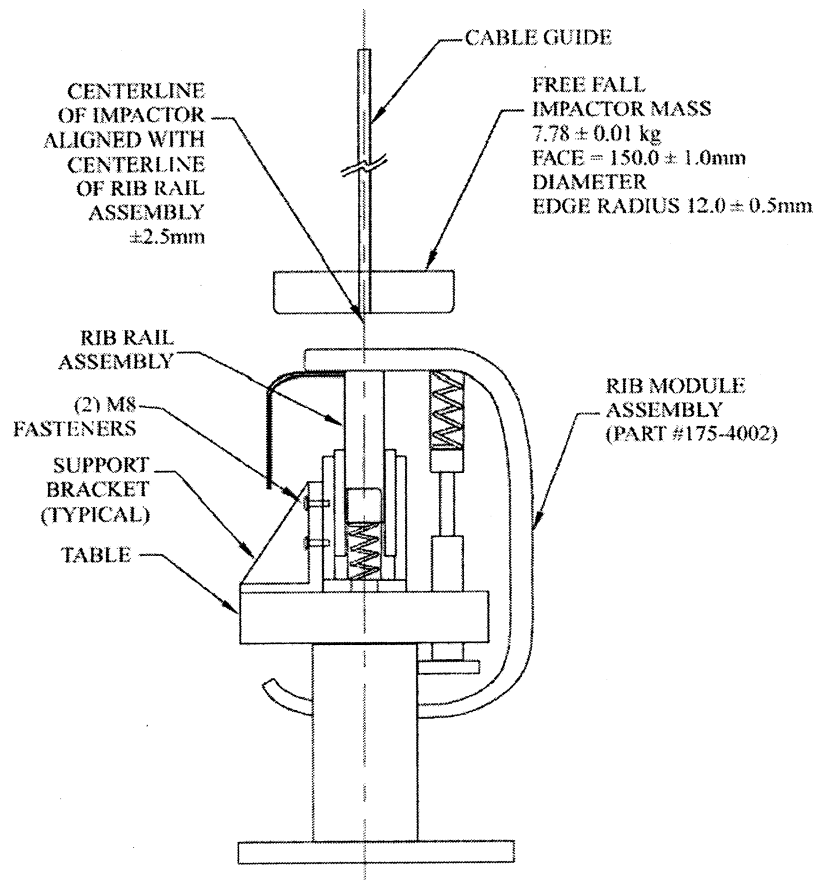


Figure U7  
RIB DROP TEST



**Subpart V, SID-IIIsD Side Impact  
Crash Test Dummy, Small Adult  
Female**

SOURCE: 71 FR 75370, Dec. 14, 2006, unless otherwise noted.

**§ 572.190 Incorporated materials.**

(a) The following materials are hereby incorporated into this Subpart by reference:

(1) A parts/drawing list entitled, "Parts/Drawings List, Part 572 Subpart V, SID-IIIsD, September 2006,"

(2) A drawings and inspection package entitled "Drawings and Specifications for SID-IIIsD Small Female Crash Test Dummy, Part 572 Subpart V, September 2006," consisting of:

- (i) Drawing No. 180-0000, SID-IIIsD Complete Assembly;
- (ii) Drawing No. 180-1000, 6 Axis Head Assembly;
- (iii) Drawing No. 180-2000, Neck Assembly;
- (iv) Drawing No. 180-3000, Upper Torso Assembly;
- (v) Drawing No. 180-3005, Washer, Clamping;

(vi) Drawing No. 9000021, Screw, SHCS  $\frac{3}{8}$ -16 x 1 NYLOK;

(vii) Drawing No. 900005, Screw, SHCS  $\frac{1}{4}$ -20 x  $\frac{5}{8}$  NYLOK;

(viii) Drawing No. 180-4000, Lower Torso Assembly Complete;

(ix) Drawing No. 180-5000-1, Complete Leg Assembly, Left;

(x) Drawing No. 180-5000-2, Complete Leg Assembly, Right;

(xi) Drawing No. 180-6000-1, Arm Assembly Left Molded;

(xii) Drawing No. 180-6000-2, Arm Assembly Right Molded; and,

(xiii) Drawing No. 180-9000, SID-IIsD Headform Assembly.

(3) A procedures manual entitled, "Procedures for Assembly, Disassembly, and Inspection (PADI) of the SID-IIsD Side Impact Crash Test Dummy, September 2006," incorporated by reference in § 572.191;

(4) SAE Recommended Practice J211, Rev. Mar 95 "Instrumentation for Impact Tests—Part 1—Electronic Instrumentation"; and,

(5) SAE J1733 of 1994-12, "Sign Convention for Vehicle Crash Testing."

(b) The Director of the Federal Register approved the materials incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the materials may be inspected at the National Archives and Records Administration (NARA), and in electronic format through the DOT docket management system (DMS). For information on the availability and inspection of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). For information on the availability and inspection of this material at the DOT DMS, call 1-800-647-5527, or go to: <http://dms.dot.gov>.

(c) The incorporated materials are available as follows:

(1) The Parts/Drawings List, Part 572 Subpart V, SID-IIsD, September 2006, referred to in paragraph (a)(1) of this section, the package entitled Drawings and Specifications for SID-IIsD Small Female Crash Test Dummy, Part 572 Subpart V, September 2006, referred to in paragraph (a)(2) of this section, and the PADI document referred to in paragraph (a)(3) of this section, are available in electronic format through the

DOT docket management system and in paper format from Leet-Melbrook, Division of New RT, 18810 Woodfield Road, Gaithersburg, MD 20879, telephone (301) 670-0090.

(2) The SAE materials referred to in paragraphs (a)(4) and (a)(5) of this section are available from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096, telephone 1-877-606-7323.

#### § 572.191 General description.

(a) The SID-IIsD Side Impact Crash Test Dummy, small adult female, is defined by:

(1) The drawings and specifications contained in the "Drawings and Specifications for SID-IIsD Small Female Crash Test Dummy, Part 572 Subpart V, September 2006," which includes the technical drawings and specifications described in Drawing 180-0000, the titles of which are listed in Table A;

TABLE A

Component assembly	Drawing No.
6 Axis Head Assembly .....	180-1000
Neck Assembly .....	180-2000
Upper Torso Assembly .....	180-3000
Washer, Clamping .....	180-3005
Lower Torso Assembly Complete .....	180-4000
Complete Leg Assembly, Left .....	180-5000-1
Complete Leg Assembly, Right .....	180-5000-2
Arm Assembly Left Molded .....	180-6000-1
Arm Assembly Right Molded .....	180-6000-2

(2) The "Parts/Drawings List, Part 572 Subpart V, SID-IIsD," dated September 2006 and containing 7 pages,

(3) A listing of available transducers-crash test sensors for the SID-IIsD Side Impact Crash Test Dummy, 5th percentile adult female, is shown in drawing 180-0000 sheet 2 of 5, dated September 2006,

(4) "Procedures for Assembly, Disassembly, and Inspection (PADI) of the SID-IIsD Side Impact Crash Test Dummy, September 2006," and,

(5) Sign convention for signal outputs reference document SAE J1733 Information Report, titled "Sign Convention for Vehicle Crash Testing," dated July 12, 1994, incorporated by reference in § 572.200(k).

(b) Exterior dimensions of the SID-IIsD Small Adult Female Side Impact